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(54) An improved correlator circuit for a six-port receiver

(57) A correlator circuit for a six port receiver wherein the received signal is summed with a local oscillator signal at various phase angles and wherein the phase

rotation between the local oscillator and RF signals is carried out separately from the summing of the correlator outputs.

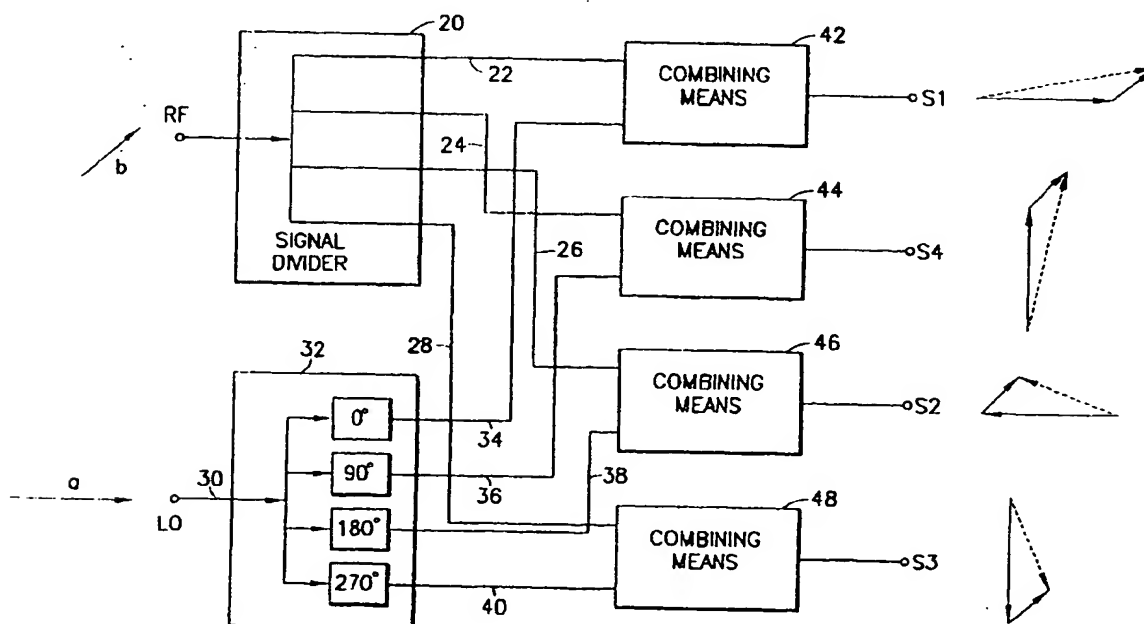


FIG. 3



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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.8)
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A	* column 3, line 35 - column 5, line 15; figures 1,2 *	2-7	
A	LI J ET AL: "A SIX-PORT DIRECT DIGITAL MILLIMETER WAVE RECEIVER" IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST. SAN DIEGO, MAY 23 - 27, 1994, NEW YORK, IEEE, US, vol. 3, 23 May 1994 (1994-05-23), pages 1659-1662, XP000512814 ISBN: 0-7803-1779-3 * the whole document *	1-8	
			TECHNICAL FIELDS SEARCHED (Int.Cl.8)
			H04B G01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 October 2001	Examiner Andersen, J.G.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 97 30 8945

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